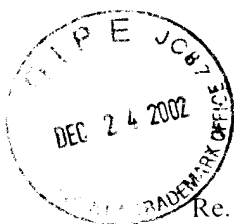


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Re. Appln.: Thewes, Roland  
Serial No.: 10/089,531  
Filed: March 27, 2002  
For: MULTIVALUE MAGNETORESISTIVE READ/WRITE MEMORY  
AND METHOD OF WRITING TO AND READING FROM SUCH A  
MEMORY  
Attorney: Jeffrey R. Stone  
Attorney Docket No.: 32226.19  
Group Art Unit: 2818  
Additional Fees: Charge to Deposit Account 02-3732

Assistant Commissioner for Patents  
Washington, D.C. 20231

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DEC 27 2002  
TECHNOLOGY CENTER 2800

**TRANSMITTAL OF INFORMATION DISCLOSURE  
STATEMENT BEFORE MAILING DATE OF A FIRST OFFICE ACTION**

Applicant submits herewith the references listed on the attached Information  
Disclosure Statement by Applicant.

This Information Disclosure Statement is being filed before the mailing date of a first  
Office Action on the merits.

Respectfully submitted,

Dated: 12/17/02

By [Signature]  
Jeffrey R. Stone (Reg. No. 47,976)  
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**CERTIFICATE OF MAILING**

I hereby certify that this document is being deposited with the United States Postal Service as First Class Mail,  
in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on the date  
indicated below.

By Katy Sathre  
Date DEC 17, 2002